the water requirements by the year 2050 are 1447 BCM. Besides full development of the utilisable water resources of 1122 BCM, another 200 BCM of water is proposed to be utilized through inter-linking of rivers. For this purpose, National Water Development Agency has formulated National Perspective Plan for water resources development which envisages interlinking between various Peninsular rivers and Himalayan rivers for transfer of water from surplus basins to water deficit basins. In addition to this, it is planned to implement better management practices including re-cycling and re-use of water to bridge the gap between the availability and requirement.

Progress of rain water harvesting schemes

261. SHRI CHO S. RAMASWAMY: Will the Minister of WATER RESOURCES be pleased to state:

(a) the progress of rain harvesting schemes which are being vigorously implemented in various metros of the country;

(b) the number of cities which have actually implemented the scheme *in toto;*

(c) whether Government are giving any incentives to various colonies which go in for rain harvesting programme; and

(d) what actual benefits have taken place through this programme?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRIMATI BIJOYA CHAKRAVARTY): (a) and (b) Water being a State subject, it is primarily the responsibility of the concerned State Governments to plan, finance and execute schemes for augmenting water resources including rain water harvesting. A Centrally sponsored scheme for Artificial Recharge to ground water and Rainwater Harvesting at an estimated cost of Rs. 175 crores has been proposed to approval for tenth Plan. However, the Central Ground Water Board (CGWB), under the Ministry of Water Resources has implemented a Central Sector Scheme for 'Study of Recharge to Ground Water' during the ninth Five Year Plan under which 174 projects were taken up in the country including 18 project in metro cities. Details of projects taken up under the scheme in metro cities are given in the enclosed Statement-I (*See* below)

(c) The CGWB is providing technical know-how about water harvesting techniques free of cost to the public at large, as well as Government and Non-Government agencies.

(d) The impact of completed recharge structures under the above scheme has been found very positive and ecouraging in replenishing the ground water resources. Impact assessment results of artificial recharge projects implemented by the CGWB in NCT of Delhi are given in the enclosed Statement-II.

Startement-I

Articical Recharge Projects taken up by the Central Ground Water Board in Metro Cities

Sl. No.	Name of the Project	Status
1.	Scheme for artificial recharge to ground water at Tuglak Lane and surrounding areas, New Delhi.	Completed
2.	Scheme for artifical recharge to ground water at Meera Bai Polytechnic Campus, Maharani Bagh, New Delhi.	Completed
3.	Artificial recharge scheme in park of D-block, Vasant Vihar, New Delhi.	Completed
4.	Scheme for artificial recharge to ground water at 5, Janpath Road, New Delhi.	Completed
5.	Scheme for artificial recharge to ground water at Group Housing for Abhiyan CGHS Ltd. Plot-15, Sector-12, Dwarka, New Delhi.	Completed
6.	Artificial recharge to ground water at Sultangarhi tomb, New Delhi.	Completed
7.	Artificial recharge scheme for President's Estate, New Delhi.	Completed
8.	Artificial recharge to ground water in Kushak Nala, New Delhi.	Completed
9.	Artificial recharge to ground water in Lodhi Garden, New Delhi.	Completed
10.	Scheme for roof top rain water harvesting in Shram Shakti Bhawan, New Delhi.	Completed
11.	Scheme for artificial recharge to ground water at Prime Minister's Office, South Block, New Delhi.	Completed
12.	Scheme for artificial recharge to ground water at Vayusenabad, Air Force Station, Tughlakabad, New Delhi.	Completed
13.	Scheme for artificial recharge to ground water at Deen Dayal Upadhyay Hospital, New Delhi.	Completed
14.	Artificial recharge scheme to ground water at Safdarjung Hospital, New Delhi.	Completed
15.	Scheme for Artificial Recharge to ground water at DTC Central Workshop-II, Okhla, New Delhi	Completed

Sl. No.	Name of the Project	Status
16.	Scheme for Artificial recharge to Ground Water at Sena Bhawan, Under progress South Block, New Delhi	Under Progress
17.	Scheme for Artificial recharge to ground water in Central Leather Research Institute, Chennai, Tamil Nadu.	Completed
18.	Roof top rain water harvesting at Baishnabghatapatuli Office campus, Kolkata	Completed

Statement-II

Impact Assessment of Articial Recharge Projects Implemented By the Central Ground Water Board

Name of the State	Name of the Scheme	Type of Scheme	Result
NCT of Delhi	Artificial recharge in JNU& IIT	Check Dam	Water level has risen upto 2.55 metre in the vicinity of Check-Dams and the area benefited is upto 30 hectare from each check dam.
	Roof top rain water harvesting at IIT	Roof top rain water harvesting system	787 cubic metre rainwater recharge. Rise in water levels 0.12 to 0.78 metre
	Roof top/pavement rain water harvesting system at President's Estate	Roof top/pavement rain water harvesting system through existing dugwell, recharge shaft, recharge well	Water level rise-0.94 to 2.231 metre
	Roof top/pavement rainwater harvesting system at Shram Shakti Bhavan	Roof top/pavement rain water harvesting system	3000 cubic metre rain-water recharged in one rainy season. Water level rise-1.42 to 2.17 metre
	Pavement rain water harvesting at Lodhi Garden	Pavement rain water harvesting system	Water level rise 0.67 to 0.72 metre

Construction work at Chitravathi Project in Karnataka

262. DR. ALLADI P. RAJKUMAR:
SHRI P. PRABHAKAR REDDY:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether a high level team from the Andhra Pradesh Government has sought "urgent intervention" by the Central Government to stop further construction works at the Chitravathi Project in Karnataka; and